

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Johan NILSSON et al.) Group Art Unit: 2631
Application No.: 09/996,513) Examiner: Unassigned
Filed: November 28, 2001) Confirmation No.: 3520
For: Methods and Apparatus for Channel
Estimation Using Plural Channels)

THIRD INFORMATION DISCLOSURE STATEMENT

RECEIVED

FEB 11 2004

Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

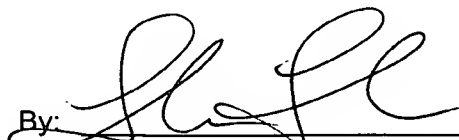
Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 
Theodosios Thomas
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Date: February 9, 2004



Patent
Attorney Docket No. 040071-245

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#7
S.I.
02-93-64

In re Patent Application of

Johan NILSSON et al.

Application No.: 09/996,513

Filing Date: November 28, 2001

Title: Methods and Apparatus for Channel Estimation Using Plural Channels

Group Art Unit: 2631

Examiner: Unassigned

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Sir:

Enclosed is a THIRD Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date:

February 9, 2004

By 

Theodosios Thomas
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(use as many sheets as necessary)

Complete if Known

Application Number	09/996,513
Filing Date	November 28, 2001
First Named Inventor	Johan NILSSON et al.
Examiner Name	Unassigned
Attorney Pocket Number	040071-245

[illegible][illegible]

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.